LOCAL GROUNDWATER ASSISTANCE PROGRAM (AB 303) GRANT REQUESTS FY 2001-2002

APPLICANT	PROPOSAL DESCRIPTION	COUNTY	AMOUNT REQUESTED
Butte County Department of Water and Resource Conservation	Install two multi-completion monitoring wells (total depth of approximately 1,000 ft) equipped with extensometers in Butte Basin. The wells will be located in areas where water level and subsidence information is needed.	Butte	$249,968
Calaveras County Water District	The project consists of development and application of a Data Management System/Geographic Information System as a data management tool.	Calaveras	$98,500
Castaic Lake Water District	Create a common database for the upper and lower basins for the Santa Clarita Valley area, develop and calibrate a groundwater flow model for the basin to help assist in groundwater management decisions, determine an operating basin yield based on the model, and joint reporting of basin conditions.	Los Angeles	$225,200
Consolidated Irrigation District	Replace 36 existing monitoring wells that have gone dry or are of limited use because of their small diameter. An additional 34 wells will be replaced using AB303 funds from the 2000/2001 funding cycle.	Fresno/Kings Tulare	$210,000
Crescenta Valley Water District	Drill, install, develop, test and sample five new monitoring wells and conduct an initial six-month program of groundwater level and quality monitoring in the Verdugo Basin.	Los Angeles	$250,000
Delano-Earlimart Irrigation District	Perform a study to determine if the District can be the sole supplier of agricultural water in the District. This would include both surface and groundwater supplies within the conjunctive use District. This would allow the District to maximize their total water resources for the benefit of all water users.	Kern	$200,300
Dunnigan Water District	Use existing data to increase the understanding of Basin characteristics, develop a groundwater monitoring program, examine conjunctive use strategies, and develop Basin Management Objectives.	Yolo	$249,830
Eastern Municipal Water District	Create a regional water resources database, incorporating approximately 3,000,000 data records that currently exist on hard copy and in multiple electronic formats.	Riverside	$227,600
Eastside Water District	Develop preliminary plans for several conjunctive water management alternatives that have the potential of improving water supply reliability, protecting water quality, and providing environmental benefits. This study project will identify locations and facilities needed to reduce overdraft.	Stanislaus	$248,903
Glenn County	Install a multi-completion well and two dual completion wells, which are expected to complement those wells to be installed using 2000/2001 AB303 funds.	Glenn	$250,000
Kaweah Delta Water Conservation District	Project would include the construction of an additional 19 monitoring wells. The Project would incorporate the information developed from an existing water resources investigation to develop, calibrate and test a groundwater model. The model would be used to manage the groundwater resources of a 360,000 acre, multi-county area. Develop, calibrate, apply, and document a basin-wide model using Modflow code.	Tulare	$250,000
Kern County Water Agency	Obtain information to update KCWA's databases. Evaluate implementation of the 1983 plan. Delineate specific management activities. Compute groundwater overdraft.	Kern	$250,000
Kern Delta Water District	Perform pump tests on existing production wells to gain more detailed knowledge of the hydrogeological properties of the aquifer, apply those parameters to the existing Kern Delta groundwater model, and run various project scenarios using the enhanced groundwater model to better understand recharge potential.	Kern	$150,000
Kings River Conservation District	Install four or five well clusters (three wells in a cluster) near production wells so that water level and water quality data for each water-bearing zone can be collected. Data will be used in groundwater monitoring program in Management Area C.	Kings	$250,000
Lassen County	Develop a hydrogeologic inventory and groundwater management assessment program. A GIS system will be developed to examine and analyze existing groundwater conditions. Monitoring equipment would be purchased for 10 wells.	Lassen	$250,000
Los Angeles County Department of Public Works, Waterworks Districts	Define the vertical distribution of arsenic, chromium and other selected trace element concentrations in aquifers pumped for District supply using depth specific sampling.	Los Angeles	$250,000
Los Angeles Dept. of Water and Power	Install five monitoring wells to approximately 500 feet deep on the west side of the Owens Valley to monitor groundwater along the alluvial fan.	Inyo	$250,000
Mendocino City Community Services District	Expand the District's Geographic Information System (GIS) by adding groundwater data. Conduct modeling of the hydrogeology of Mendocino from existing District and DWR groundwater data. Install additional monitoring wells.	Mendocino	$248,490

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Mendota, City of	Groundwater quality evaluation using a combination of compiled historical data and water sampling, along with additional supplementary groundwater sampling and analyses of 30 wells to fill known data gaps. Recharge evaluation using a series of 23 soil borings to determine location of a pilot basin and monitoring to determine required size of recharge area. Installation and monitoring of two cluster monitoring wells.	Fresno	$250,000
Merced Irrigation District	Install 30 nested groundwater-monitoring wells, staff gauges (approximately 15), and collect geologic data on the shallow soil and alluvium in and along Bear Creek.	Merced	$250,000
Metropolitan Water District of Southern California	Update the District's Brackish Groundwater Reclamation Study that was performed in 1991.	L.A., Riverside, Ventura, S.D., S.B., Orange	$250,000
Mojave Water Agency	Install multi-port well site with the bottom-most access being completed into the water-bearing strata found in the Victorville Fan Unit, which is a previously non-monitored area of the Upper Mojave Basin. Activities will refine the Agency's groundwater monitoring program, identify groundwater recharge and storage areas, and develop an implementation plan with basin water purveyors.	San Bernardino	$250,000
Monterey County Water Resources Agency	Install four new dedicated monitoring wells. Collect baseline well water quality and water level information. Add new monitoring well information to the Agency database for continued monitoring.	Monterey	$250,000
Monterey Peninsula Water Management District	Perform a study to establish the feasibility of capturing and diverting either Carmel River excess winter flood flows; or urban storm water runoff for conveyance to treatment, storage and recharge facilities.	Monterey	$70,700
Murrieta County Water District	Evaluate the feasibility of collecting and treating storm water runoff utilizing constructed wetlands and providing groundwater recharge facilities for the treated storm water.	Riverside	$117,500
North San Joaquin Water Conservation District	The Handel Test Recharge Project includes a field-flooding test in a vineyard in December through February. The vines will be monitored to determine if flooding causes any changes to the plants. Three monitoring wells will be installed to determine what happens with the recharge water.	San Joaquin	$250,000
Orland-Artois Water District	Install four dedicated dual completion monitoring wells and conduct pump tests to obtain key information about aquifer characteristics and aquifer responses to groundwater withdrawal and other potential water management components such as planned future pilot-scale recharge testing.	Glenn	$250,000
Pajaro Valley Water Management Agency	Review, refine, and possibly expand the groundwater and surface water data collection program that compiles data related to current project needs and for future undefined needs.	Santa Cruz	$38,500
Pixley Irrigation District	Inventory surface and groundwater supply. Assess agricultural demands. Analyze District resources and authorities. Compare the demands against the resources.	Tulare	$175,000
Rainbow Municipal Water District	Conduct a study to develop a groundwater management plan.	San Diego	$209,875
Reclamation District No. 108	Construct a pilot well within a selected area of the District that is currently under study by DWR for its potential as a groundwater producing area.	Colusa and Yolo	$250,000
Riverside Public Utilities, City of	Develop a basin-wide groundwater management plan for the Riverside Basin.	Riverside	$115,000
Sacramento Groundwater Authority	Identify and collect existing groundwater information for the basin underlying the boundaries of SGA, populating the data management system, and utilization of the data management system to determine a baseline condition.	Sacramento	$250,000
San Benito County Water District	Develop a comprehensive GIS database of water quality data. Evaluate the water quality data to characterize water quality problems and sources. Prepare a comprehensive water quality-monitoring program.	San Benito	$244,000
San Joaquin County Flood Control and Water Conservation District	The proposed project is a continuation of a saline groundwater migration project previously funded by AB303 and consists of: an additional monitoring well north of Calaveras River, stable isotope analysis for the additional well and five previously funded wells, and replacement funds for a short fall of $135, 377 for the entire project.	San Joaquin	$250,000

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San Juan Basin Authority	Monitoring program to collect baseline data prior to implementation of Phase I of the applicant's groundwater extraction desalination project. Installation of seven monitoring wells and stream staff gauges.	Orange	$250,000
San Timoteo Watershed Management Authority	The proposed project is to develop a regional supplemental water and conjunctive use master plan.	Riverside	$184,500
Santa Clara Valley Water District	Construct two four-well monitoring sites in Cupertino and Palo Alto to improve groundwater monitoring data within the Santa Clara Valley.	Santa Clara	$250,000
Semitropic Water Storage District	Construct four monitoring wells. Complete quality management operations study. Develop GIS groundwater database. Study the potential of increasing aqueduct return water pumping.	Kern	$250,000
Shasta County Water Agency	Group multiple individual management strategies into feasible plans, then evaluate those plans using the basin water model developed in a previous phase of work. This Agency was partially funded in FY2000-2001, and this study would complete the portion not funded last FY.	Shasta	$132,100
Sierra Foothills Public Utility District	Locate and categorize existing wells. Determine current and historic and groundwater levels. Determine water quality by testing well water. Collect groundwater data from wells identified in the well survey. Advance soil borings at strategic locations throughout District, converting four to monitoring wells. Develop a water budget. Prepare a Ground Water Management Plan.	Madera	$248,699
Solano Irrigation District	Update the SID groundwater information by preparing maps indicating the location of all monitoring wells, depth to groundwater contours and lines of equal elevation contours incorporating data collected since 1988.	Solano	$70,000
Squaw Valley Public Service District	Establish a monitoring program for surface flow and groundwater level measurements. Eliminate potential groundwater contamination avenues by properly abandoning a number of wells, update the groundwater model to confirm the groundwater management plan. Establish an ongoing education and public outreach program in Squaw Valley.	Placer	$250,000
Tehama County Flood Control and Water Conservation District	Conduct an in-depth, detailed inventory and analysis of the groundwater in Tehama County, including the documentation and analysis of surface/subsurface geology, fresh groundwater bearing units and movement of groundwater.	Tehama	$217,000
Thermalito Irrigation District	Add two monitoring wells to "prove" the water supply for future urban development is in the eastern portion of the basin.	Butte	$250,000
Truckee-Donner Public Utility District	Optimize data collection and compile all collected data into the District's GIS database to further define the Martis Valley groundwater management program.	Nevada	$250,000
Victor Valley Water District	Install a single monitoring well that would complete a larger project previously funded with Proposition 13 funds. This monitoring well will have electronic sensors to record changes in water depth, changes in total dissolved solids, etc.	San Bernardino	$92,310
Western Canal Water District	Construct five dedicated monitoring wells within the District.	Butte/Glen	$250,000
Yolo County Flood Control & Water Conservation District	Develop a groundwater monitoring program for the non-urban portions of the valley area in Yolo County. Tasks include collecting, evaluating and reviewing historical and existing data, developing a groundwater monitoring program, and developing and implementing a data base management system.	Yolo	$250,000
Yuba County Water Agency	Develop a Data Management System/Geographic Information System (DMS/GIS) to store, manage, and present hydrologic, hydrogeologic, and other data for an anticipated 100 well locations.	Yuba	$250,000
Total Requests			**$10,773,975**